

Press Advisory

Bentley Systems, Inc. to Present Reality Modelling for Digital Cities at GEO Business Event in London

What:

[Reality Modelling and the latest innovations in 3D technology](#)

The proliferation of reality modelling across infrastructure project delivery and asset performance is now widely adopted by infrastructure professionals that seek to adopt the latest technology in reality capture and consumption. Reality modelling describes the potentially continuous capture of infrastructure assets' as-operated conditions for processing into engineering-ready reality meshes and their "enlivening" for immersive interaction. To date, reality modelling has processed digital photos into 3D reality models, but now reality modelling uses point-clouds from laser scanning and combines them with available photos as "hybrid inputs" for reconstruction into a reality mesh. The advantages of reality modelling—in the case of laser scanning—is a superior engineering-ready mesh result. This is driving further development in **Digital Cities**, which is an evolution of smart cities through technology, people, and processes that deliver significant value to society. As the technology continues to advance and goes mainstream, this presentation will look at other examples of how reality modelling integrates with other business workflows such as geospatial, work orders, and BIM processes, as well as how it can be applied to a variety of disciplines, from utilities, governments, mapping, and surveying to civil development projects.

The presentation will show:

- How reality modelling is going mainstream
- How laser scanning data can be combined with digital photographs for hybrid reality models
- How reality modelling integrates with other business workflows, such as geospatial data, work orders, BIM, facilities, and IoT data
- The development of digital cities to deal with urban expansion

Who:

Jan Blaauboer

Strategic Partnership Director, Bentley Systems, Inc.

Where:

GEO Business Event, Building Design Centre, London

When:

Date: 23 May 2018

Time: 11:45

For more information:

To arrange a time to meet with Jan or any Bentley colleague, or for more information about Bentley's presentation, please contact Olu Oke, Bentley Systems marketing manager, at olu.oke@bentley.com, or call 07554111110.

About Bentley Systems

Bentley Systems is a global leader in providing engineers, architects, geospatial professionals, constructors, and owner-operators with comprehensive software solutions for advancing the design, construction, and operations of infrastructure. Bentley users leverage information mobility across disciplines and throughout the infrastructure lifecycle to deliver better-performing projects and assets. Bentley solutions encompass *MicroStation* applications for *information modeling*, *ProjectWise* collaboration services to deliver *integrated projects*, and *AssetWise* operations services to achieve *intelligent infrastructure* – complemented by comprehensive managed services offered through customized Success Plans.

Founded in 1984, Bentley has more than 3,500 colleagues in over 50 countries, \$700 million in annual revenues, and since 2012 has invested more than \$1 billion in research, development, and acquisitions.